

toSense™ secures second FDA clearance for the CoVa™ Monitoring System

San Diego, CA – January 24th, 2018 – toSense™ announced today that it has received a second FDA clearance for its wearable patient-monitoring system, CoVa™ Monitoring System 2 (CoVa™ 2). The new clearance is for measurements of stroke volume and cardiac output, which can be made at home or in medical clinics. The clearance also includes a mobile application that allows medical professionals to remotely view measurement data and single-lead ECG waveforms. CoVa™ 2 builds on the FDA-cleared CoVa™ Monitoring System (CoVa™ 1), which measures thoracic impedance, heart rate, heart rate variability, respiration rate, skin temperature and posture.

Information collected by CoVa™ 2 provides medical insight into the status of patients suffering from chronic illnesses, such as congestive heart failure, chronic obstructive pulmonary disease, hypertension, and renal failure, as well as patients who have been recently discharged from the hospital. This additional supervision can help reduce the time patients spend in hospitals, either by decreasing readmissions or allowing early discharge.

Worn like a conventional necklace for just minutes each day, CoVa™ 2 measures bioimpedance and ECG waveforms, and from these calculates vital signs and hemodynamic parameters, as described above. Several gateways, including Android-based tablets and cellular-based systems, forward information to the cloud. The recently cleared clinical gateway allows medical professionals to view the data in real-time.

“CoVa™ 2 is transformational in delivering high-acuity monitoring outside of the hospital. The system gives clinicians remote access to important, actionable data” said Matt Banet, President and Chief Scientific Officer at toSense™. “ The system’s low price point allows universal access to a new, exciting wearable that could be a critical component of modern healthcare systems.”

For more information, please visit www.toSense.com.

About toSense™

toSense™ develops novel, wearable sensors—for patients in both the home and medical clinics—that provide critical, medical-grade information to clinicians. With this, patients can be effectively managed remotely, whether they are suffering from chronic illnesses, recently discharged from the hospital, or just waiting to see a clinician. The company strives to provide measurements of all vital signs and several hemodynamic measurements from a single location on the chest.

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